WHEREFORE, I CLAIM

1   1. A system for converting an original document written in a non-voice enabled language

2   into a voice enabled document, said system including means for communicating with a potential

3   user and means for dynamically converting said original document into a voice-enabled

4   document by the application of an XSLT translator without the need to manually code such

5   voice-enabled document.

1   2. The system of claim 1, wherein the original document is converted into a VoiceXML

2   document.

      3. The system of claim 1, wherein the original document is a web page written in HTML.

      4. The system of claim 1, wherein the original document is the product of a database

query.

1   5. The system of claim 1, wherein said means for communicating comprises a

2   VoiceXML browser that parses VoiceXML and handles all speech recognition and text to speech

3   operations.

1   6. The system of claim 5, wherein said VoiceXML browser is contained on a voice

2   server.

1   7. The system of claim 6, wherein said voice server is a Windows server.

1   8. The system of claim 5, where said means for dynamically converting comprises:

2   a converter for establishing a particular speech sequence and means for entering

3   XSLT rules; and

4   a run time engine for: receiving a request from said voice browser, obtaining a

5   non-voice enabled document to be converted, applying the XSLT rules from said

6   converter, converting said non-voice enabled document into a voice-enabled document by

7   applying said XSLT rules and outputting the converted document to said voice server.

1   9. The system of claim 8, further including an external data source containing the

2   original document to be converted.

1   10. The system of claim 8, wherein said converter is a Windows tool that can create

2   XSLT translations.

1   11. The system of claim 10, wherein said converter runs on a Windows developer

2   workstation.

1   12. The system of claim 8, wherein said run time engine is a set of code written in Java

2   running as a servlet application.

1   13. A system for converting an original document written in a non-voice enabled

2   language into a voice enabled document, said system including:

3   a voice server for communicating with a potential user;

4   a converter for establishing a particular speech sequence with a potential user;

5   means for accessing an external data source containing said original document; and

6   a run time engine for dynamically converting said original document into a voice-enabled

7   document by the application of an XSLT translator from said converter without the need to

8   manually code such voice-enabled document.

1   14. The system of claim 13, wherein said run time engine includes:

2   means for receiving a request from said voice server;

3   means for obtaining said non-voice enabled document from said external data

4   source;

5   means for applying XSLT rules from said converter and convert said non-voice

6   enabled document into a voice enabled document; and

7   means for outputting the converted document to said voice server.

1   15. A method for dynamically converting a non-voice enabled document to a voice

2 enabled document, said method comprising the steps of:

3   providing a non-voice enabled document from an external data source;

4   establishing predetermined XSLT translation rules and a speech sequence and

5 introducing said rules and speech sequence into a data server having a run time engine;

6   receiving a voice request from a user through a voice server;

7   communicating the voice request to said run time engine from said voice server;

8   receiving the appropriate non-voice enabled document from said external source

9 and dynamically converting it into a voice-enabled document by applying the

10 predetermined XSLT translation rules; and

11   communicating said voice-enabled document to said voice server.

16. The method of claim 15, wherein said non-voice enabled document is a web page

written in HTML.